

#2

OIPE

## RAW SEQUENCE LISTING

DATE: 05/23/2001

PATENT APPLICATION: US/09/851,614

TIME: 13:07:33

Input Set : A:\Seqlist.txt

Output Set: C:\CRF3\05232001\I851614.raw

3 <110> APPLICANT: Deo, Yashwant M.  
4 Keler, Tibor  
6 <120> TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES TO DENDRITIC  
7 CELLS  
9 <130> FILE REFERENCE: MXI-166  
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/851,614  
C--> 11 <141> CURRENT FILING DATE: 2001-05-08  
11 <150> PRIOR APPLICATION NUMBER: USSN 60/203,126  
12 <151> PRIOR FILING DATE: 2000-05-08  
14 <150> PRIOR APPLICATION NUMBER: USSN 60/230,739  
15 <151> PRIOR FILING DATE: 2000-09-07  
17 <160> NUMBER OF SEQ ID NOS: 7  
19 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
21 <210> SEQ ID NO: 1  
22 <211> LENGTH: 321  
23 <212> TYPE: DNA  
24 <213> ORGANISM: Homo sapiens  
26 <220> FEATURE:  
27 <221> NAME/KEY: CDS  
28 <222> LOCATION: (1)...(321)  
30 <400> SEQUENCE: 1  
31 gac atc cag atg acc cag tct cca tec tca ctg tct gca tct gta gga 48  
32 Asp Ile Gln Met Thr Gln Ser Pro-Ser Ser Leu Ser Ala Ser Val Gly  
33 1 5 10 15  
35 gac aga gtc acc atc act tgt cgg gcg agt cag ggt att agc agg tgg 96  
36 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Arg Trp  
37 20 25 30  
39 tta gcc tgg tat cag cag aaa cca gag aaa gcc cct aag tcc ctg atc 144  
40 Leu Ala Trp Tyr Gln Gln Lys Pro Glu Lys Ala Pro Lys Ser Leu Ile  
41 35 40 45  
43 tat gct gca tcc agt ttg caa agt ggg gtc cca tca agg ttc agc ggc 192  
44 Tyr Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly  
45 50 55 60  
47 agt gga tct ggg aca gat ttc act ctc acc atc agc ggc ctg cag cct 240  
48 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Gly Leu Gln Pro  
49 65 70 75 80  
51 gaa gat ttt gca act tat tac tgc caa cag tat aat agt tac cct cgg 288  
52 Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Asn Ser Tyr Pro Arg  
53 85 90 95  
55 acg ttc ggc caa ggg acc aag gtg gaa atc aaa 321  
56 Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys  
57 100 105  
60 <210> SEQ ID NO: 2  
61 <211> LENGTH: 107  
62 <212> TYPE: PRT  
63 <213> ORGANISM: Homo sapiens  
65 <400> SEQUENCE: 2

ENTERED

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```

66 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
67 1 5 10 15
68 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Arg Trp
69 20 25 30
70 Leu Ala Trp Tyr Gln Gln Lys Pro Glu Lys Ala Pro Lys Ser Leu Ile
71 35 40 45
72 Tyr Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
73 50 55 60
74 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Gly Leu Gln Pro
75 65 70 75 80
76 Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Asn Ser Tyr Pro Arg
77 85 90 95
78 Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
79 100 105
82 <210> SEQ ID NO: 3
83 <211> LENGTH: 348
84 <212> TYPE: DNA
85 <213> ORGANISM: Homo sapiens
87 <220> FEATURE:
88 <221> NAME/KEY: CDS
89 <222> LOCATION: (1)...(348)
91 <400> SEQUENCE: 3
92 gag gtg cag ctg gtg cag tct gga gca gag gtg aaa aag ccc ggg gag 48
93 Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Glu
94 1 5 10 15
96 tct ctg agg atc tcc tgt aag ggt tct gga gac agt ttt acc acc tac 96
97 Ser Leu Arg Ile Ser Cys Lys Gly Ser Gly Asp Ser Phe Thr Thr Tyr
98 20 25 30
100 tgg atc ggc tgg gtg cgc cag atg ccc ggg aaa ggc ctg gag tgg atg 144
101 Trp Ile Gly Trp Val Arg Gln Met Pro Gly Lys Gly Leu Glu Trp Met
102 35 40 45
104 ggg atc atc tat cct ggt gac tct gat acc ata tac agc ccg tcc ttc 192
105 Gly Ile Ile Tyr Pro Gly Asp Ser Asp Thr Ile Tyr Ser Pro Ser Phe
106 50 55 60
108 caa ggc cag gtc acc atc tca gcc gac aag tcc atc agc acc gcc tac 240
109 Gln Gly Gln Val Thr Ile Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr
110 65 70 75 80
112 ctg cag tgg agc agc ctg aag gcc tcg gac acc gcc atg tat tac tgt 288
113 Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys
114 85 90 95
116 acg aga ggg gac cgg ggc gtt gac tac tgg ggc cag gga acc ctg gtc 336
117 Thr Arg Gly Asp Arg Gly Val Asp Tyr Trp Gly Gln Gly Thr Leu Val
118 100 105 110
120 acc gtc tcc tca 348
121 Thr Val Ser Ser
122 115
125 <210> SEQ ID NO: 4
126 <211> LENGTH: 116
127 <212> TYPE: PRT

```

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```

128 <213> ORGANISM: Homo sapiens
130 <400> SEQUENCE: 4
131 Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Glu
132 1 5 10 15
133 Ser Leu Arg Ile Ser Cys Lys Gly Ser Gly Asp Ser Phe Thr Thr Tyr
134 20 25 30
135 Trp Ile Gly Trp Val Arg Gln Met Pro Gly Lys Gly Leu Glu Trp Met
136 35 40 45
137 Gly Ile Ile Tyr Pro Gly Asp Ser Asp Thr Ile Tyr Ser Pro Ser Phe
138 50 55 60
139 Gln Gly Gln Val Thr Ile Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr
140 65 70 75 80
141 Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys
142 85 90 95
143 Thr Arg Gly Asp Arg Gly Val Asp Tyr Trp Gly Gln Gly Thr Leu Val
144 100 105 110
145 Thr Val Ser Ser
146 115
149 <210> SEQ ID NO: 5
150 <211> LENGTH: 15
151 <212> TYPE: PRT
152 <213> ORGANISM: Homo sapiens
154 <220> FEATURE:
155 <221> NAME/KEY: VARIANT
156 <222> LOCATION: (1)...(15)
157 <223> OTHER INFORMATION: Xaa = Any Amino Acid
159 <400> SEQUENCE: 5
W--> 160 Asp Asp Xaa Xaa Gln Phe Leu Ile Xaa Xaa Glu Asp Xaa Lys Arg
161 1 5 10 15
164 <210> SEQ ID NO: 6
165 <211> LENGTH: 15
166 <212> TYPE: PRT
167 <213> ORGANISM: Homo sapiens
169 <400> SEQUENCE: 6
170 Leu Asp Thr Arg Gln Phe Leu Ile Tyr Asn Glu Asp His Lys Arg
171 1 5 10 15
174 <210> SEQ ID NO: 7
175 <211> LENGTH: 20
176 <212> TYPE: PRT
177 <213> ORGANISM: Homo sapiens
179 <400> SEQUENCE: 7
180 Leu Leu Asp Thr Arg Gln Phe Leu Ile Tyr Leu Glu Asp Thr Lys Arg
181 1 5 10 15
182 Cys Val Asp Ala
183 20

```

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/851,614

DATE: 05/23/2001

TIME: 13:07:34

Input Set : A:\Seqlist.txt

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L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5